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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/705,769	11/10/2003	Jerry D. Kachlic	A3-316US	4365
23683	7590	06/22/2005	EXAMINER	
MOLEX INCORPORATED 2222 WELLINGTON COURT LISLE, IL 60532			VU, HIEN D	
			ART UNIT	PAPER NUMBER
			2833	

DATE MAILED: 06/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/705,769

Applicant(s)

KACHLIC, JERRY D.

Examiner

Hien D. Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 March 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>5/03/05</u> . | 6) <input type="checkbox"/> Other: _____ |

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1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

2. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
3. Claims 1-3, 8-10, 15 and 18-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Fedder et al.

The disclosure of Fedder provides a complete response to each and every element set forth in the claims. For example, figs.1-5 show an insulative housing 10, a top surface contact terminals 30, a metal latch 80 including a first leg 82 and a second leg 86, the first and second legs formed of a substantially V-shaped means 90 for connecting the latch to a V-shaped mating connector 152, the means is located between first and second ends of the second leg 86.

As to claim 2, the connecting means comprises at least one protrusion 90 which extends from the second leg 86.

As to claim 3, the protrusion 90 extends in a direction opposite to the first leg 82.

As to claim 8, the connecting means comprises first and second spaced apart protrusions 90 and extending from the second leg 86.

As to claims 9, 10 the protrusions extending in a direction opposite the first leg.

As to claim 15, one side wall 63 of the housing is read as the recited top surface and the first leg is substantially parallel to the substantially planar top surface.

As to claim 18, the metal latch is formed from stainless steel.

As to claim 19, the protrusion is generally perpendicular to the second leg.

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As to claim 20, the protrusion extends away from the first leg.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 4-7, 11-14, 16 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fedder et al in view of Hirai and Lin.

As to claims 4, 6, 11, 13, Fedder does not show the second leg with a second portion to be at a predetermined angle which is greater than the predetermined angle of the first portion and the third portion being substantially parallel to the first leg. Hirai, fig. 1 shows a second leg 6 comprising a second portion (not labeled) being at a predetermined angle which is greater than the predetermined angle of a first portion and a third portion being substantially parallel to a first leg. It would have been obvious to one with skill in the art to modify the connector of Fedder by forming the second leg with the features as described as above, as taught by Hirai, in order to provide better latch for the connector.

As to claims 5, 7, 12, 14, at least one protrusion or protrusions 90 is provided on the first portion as shown in fig. 2 of Fedder.

As to claims 16 and 17, Fedder does not show the first leg having barb means provided on the first leg which engage with walls. Lin, fig. 4 shows a first leg having barb means 121 which engage with walls of the housing (22, 21a). It would have been

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obvious to one with skill in the art to modify the connector of Fedder by forming the first leg with features as described above, as taught by Lin, in order to secure the latch to the housing.

6. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

8. Any inquiry concerning this communication should be directed to Hein D. Vu at telephone number (571) 272-2016.

HV

6/04/05



**HIENVU
PRIMARY EXAMINER**